

AMENDMENTS TO THE SPECIFICATION

Please change the text on page 20, lines 3-17, as follows:

B1 In FIG. 9, the first and second coils 48 and 50 of the cross-shaped electromagnetic coil 44 are perpendicular to each other, but positioned at a right angle θ with respect to a longitudinal axis of the placement module 40. In this configuration, a magnetic flux is created transverse to first coil 48 and another magnetic flux is created transverse to second coil 50. Since both coils 48 and 50 are perpendicular to each other and at a right angle θ with respect to the longitudinal axis of the placement module 40, the longitudinal acoustic waves propagated by the ultrasonic transducer 42 are ~~slightly~~ greatly modulated or perturbed by a first magnetic flux created by the first coil 48 and ~~greatly~~ slightly modulated by a second magnetic flux created by the second coil 50. Accordingly, by changing the position of the electromagnetic coil assembly 44 within the placement module 40, the amount of modulation of the acoustic waves can be controlled for optimal osteogenic stimulation. It is contemplated to provide different circuitry for driving the first coil 48 and the second coil 50 to alternate between the creation of the first magnetic flux and the second magnetic flux during ultrasonic and E-stim treatment using the apparatus.